

# UBio-X Pro 2 TI

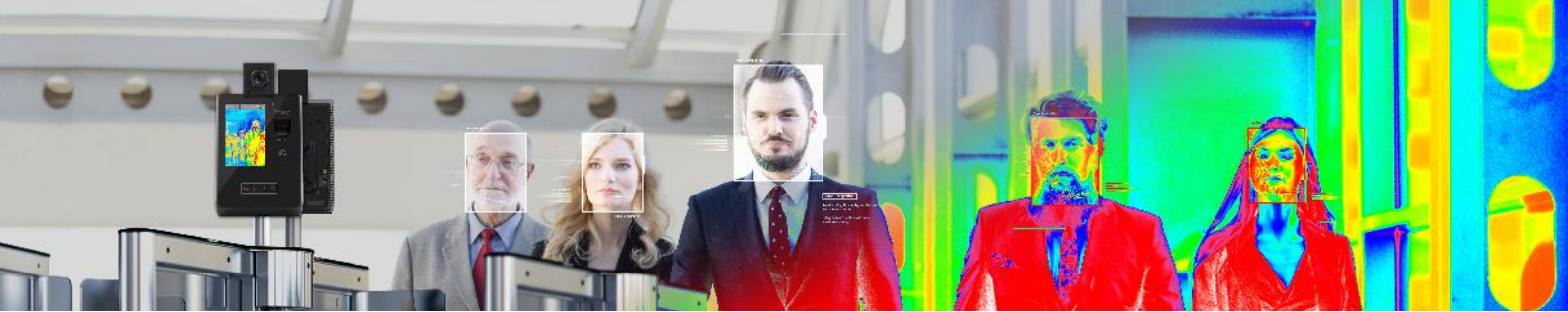
Multi-Biometric Face & Fingerprint Terminal with Thermal Camera



- Integrated with a thermal camera and measures user's body temperature
- Fast and accurate measuring body temperature
- In case of fever, access will be denied and the log data recorded on the server
- Entrances to events, commercial complexes, airports, buildings, gate societies and more



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## Specifications

Detector	
Detector type	Micro-Bolometer (uncooled)
Array format	384 x 288
Pixel pitch	17 $\mu\text{m}$
Thermal sensitivity (NETD)	$\leq 50 \text{ mk@F/1, 300 K}$
Spectral range	8 to 14 $\mu\text{m}$

Camera Engine	
Power supply	DC 5 V
Power consumption	< 1.8W @ (30 Hz)
Video output format	Digital : Camera Link, USB, LVDS, LV X MOS, BT656, IP(OnVif) Analog : NTSC, PAL
Control	USB2.0, RS-232, I2C, UART
Frame rate	30 Hz or 60 Hz
Time to First Image	< 10 sec
Demension (W x H x D)	42.5 mm x 44.6 mm x 42.7 mm
Weight	< 110g (without lens)
Operating temperature	-10°C ~ 65°C(-40°C ~ 65°C optional)
Storage temperature	-40°C ~ 85°C
Scene range temperature	-10°C ~ 150°C (at Digital output)
Accuracy	$\pm 0.5^\circ\text{C} \sim \pm 0.1^\circ\text{C}$

## Lens information

Focal Length	F-number	FOV(H x V - Diagonal)
19 mm	F/1.0	19.6 x 14x7 - 24.4

